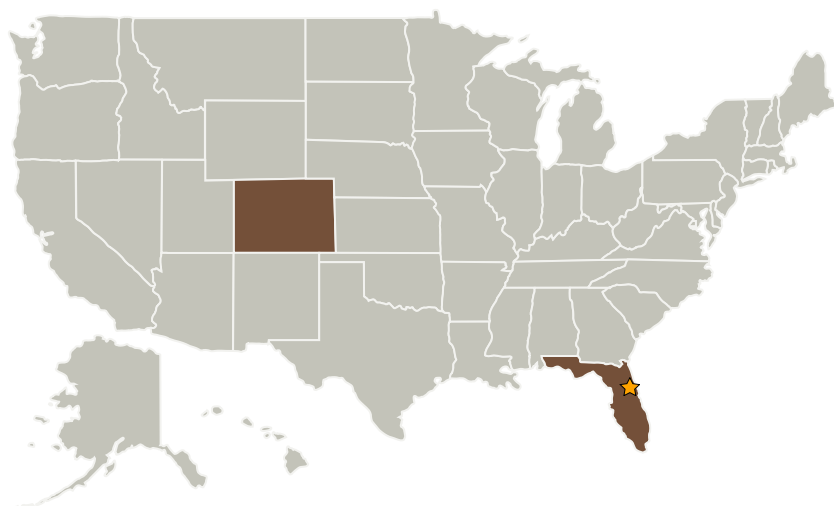


## Highly Reliable LOX Pump for Vehicle Loading Operations, Phase II

Completed Technology Project (2003 - 2005)



## Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Kennedy Space Center (KSC)	Lead Organization	NASA Center	Kennedy Space Center, Florida
Barber-Nichols, Inc.	Supporting Organization	Industry	Arvada, Colorado

## Primary U.S. Work Locations

Colorado	Florida
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Highly Reliable LOX Pump for Vehicle Loading Operations, Phase II

## Table of Contents

Primary U.S. Work Locations and Key Partners	1
Organizational Responsibility	1
Project Management	2
Technology Areas	2

## Organizational Responsibility

**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

**Lead Center / Facility:**

Kennedy Space Center (KSC)

**Responsible Program:**

Small Business Innovation Research/Small Business Tech Transfer

# Highly Reliable LOX Pump for Vehicle Loading Operations, Phase II

Completed Technology Project (2003 - 2005)



## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

## Technology Areas

**Primary:**

- TX04 Robotic Systems
  - └ TX04.2 Mobility
    - └ TX04.2.5 Robot Navigation and Path Planning